BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra

Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
1	1	Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of thorney jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. As per Engineer in charge.							
		Library Building	Cum	1.00	1.00	30.00	6.00		180.00
								Total Qty	180.00
		BOQ Qty 180.0 Cum						Qty To Be Paid	180.00
		Qty reserved for want of approval of workslip						Balance Qty	0.00

Assistant Engineer
Project Division W-13
26/04/2019

Assistant Executive Engineer
Project Division, BBMP
26/4/19

EXECUTIVE ENGINEER Project Division, Dasarahalli Zone, Bruhat Bangalore Mahanagara Palike, Dasarahalli Zone, Bangalore-73

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra

Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
2	2	Excavation for road way in all types of soil by mechanical means including cutting and pushing the earth to site of embankment including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections complete as per specifications. As per Engineer in							
		For Roads	Cum	1.00	1.00	30.00	6.00	0.20	36.00
								Total Qty	36.00
		BOQ Qty 36.00 Cum						Qty To Be Paid	36.00
		Qty reserved for want of approval of workslip						Balance Qty	0.00

NEW ZEN CONSULTANTS Bangalore

25/04/2019

Assistant Engineer
Project Division W-13

25/4/19

Assistant Executive Engineer
Project Division, BBMP

Asst. Executive Engine
Project Division, Dasarahal
BBM

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
3	3	Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. As per Engineer in charge.							
		Library Building	Cum	1.00	1.00	21.20	5.10	1.00	108.12
								Total Qty	108.12
		BOQ Qty 108.12 Cum						Qty To Be Paid	108.12
		Qty reserved for want of approval of workslip						Balance Qty	0.00

Assistant Engineer
Project Division W-13
26/04/2019

Assistant Executive Engineer
Project Division, BBMP
26/04/19

Assistant Executive Engineer
Project Division, Dasrahalli
BBMP, Bangalore

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
4	4	Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum with ail lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications, including cost of earth, watering charges & compaction by vibratory roller to 97% of proctors density) As per Engineer in charge.							
		Library Building	Cum	1.00	1.00	22.00	5.10	1.00	112.20
								Total Qty	112.20
		BOQ Qty 112.2 Cum						Qty To Be Paid	112.20
		Qty reserved for want of approval of workslip						Balance Qty	0.00

NEWZEN CONSULTANT Bangalore

Assistant Engineer
Project Division W-13
30/04/2019

Asst. Executive Engineer
Project Division, Dasrahalli
BBMP, Bangalore

Assistant Executive Engineer
Project Division, BBMP
30/04/19

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra
Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
10	10	**Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. As per Engineer in charge.**							
		Raft	Cum	1.00	1.00	17.00	5.47	0.10	9.30
		Below SSM							
		Length Wall	Cum	1.00	2.00	17.00	0.75	0.10	2.55
		Inside walls	Cum	1.00	5.00	4.12	0.75	0.10	1.55
		Above SSM							
		Length Wall	Cum	1.00	2.00	17.00	0.60	0.10	2.04
		Inside walls	Cum	1.00	8.00	4.12	0.45	0.10	1.48
		Floor PCC	Cum	1.00	1.00	17.00	5.47	0.10	9.30
		Sump	Cum	1.00	1.00	6.75	2.40	0.10	1.62
							Total Qty		**27.84**
		BOQ Qty 35.67 Cum					**Qty To Be Paid**		**27.84**
		Qty reserved for want of approval of workslip					**Balance Qty**		**0.00**

NEWZEN CONSULTANT Bangalore

2/5/2019
Assistant Engineer
Project Division W-13

2/5/19
Assistant Executive Engineer
Project Division, BBMP

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Executive Engin
Project Division, Dasrahalli
BBMP, Bangalore

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra
Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
12	12	Providing and constructing granite / trap / basalt size stone masoniy in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. As per							
		2nd Step							
		Length Wall	Cum	1.00	2.00	17.00	0.60	0.45	9.18
		Inside walls	Cum	1.00	4.00	4.12	0.60	0.45	4.45
								Total Qty	13.63
		BOQ Qty 10.56 Cum						Qty To Be Paid	10.56
		Qty reserved for want of approval of workslip						Balance Qty	3.07

Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

NEWZEN CONSULTANTS Bangalore

21/5/2019
Assistant Engineer
Project Division W-13

02/05/19
Assistant Executive Engineer
Project Division, BBMP

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra
Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
13	13	**Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. As per engineer in charge.**								
		Footing Concrete							
		Raft Concrete	Cum	1.00	1.00	17.00	5.50	0.50	46.75
		Pedestial Concrete							
		F1	Cum	1.00	2.00	0.75	0.60	0.90	0.81
		F2	Cum	1.00	8.00	0.75	0.60	0.90	3.24
		Column upto Plinth Top							
		C1	Cum	1.00	2.00	0.45	0.20	2.00	0.36
		C2	Cum	1.00	8.00	0.45	0.20	2.00	1.44
		Plinth Beam							
		Grid A-E Along 1	Cum	1.00	1.00	17.00	0.20	0.45	1.53
		Grid A-E Along 2	Cum	1.00	1.00	15.50	0.20	0.45	1.40
		Grid 1-2 Along A,B,C,D,E	Cum	1.00	5.00	3.00	0.20	0.45	1.35
							Total Qty		**56.88**
		BOQ Qty 56.77 Cum					**Qty To Be Paid**		**56.77**
		Qty reserved for want of approval of workslip					**Balance Qty**		**0.11**

NEWZEN CONSULTANT

Asst. Executive Engineer
Project Division, Dasarahalli

8/5/2019

Assistant Engineer
Project Division W-13

28/5/19

Assistant Executive Engineer
Project Division, BBMP

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra

Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
14	14	Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. As per engineer in charge.							
		Total Earth Excavated						327.25	
		Deduction							
		Raft Concrete	Cum	1.00	1.00	17.00	5.50	0.50	46.75
		Pedestial Concrete							
		F1	Cum	1.00	2.00	0.75	0.60	0.90	0.81
		F2	Cum	1.00	8.00	0.75	0.60	0.90	3.24
		Column upto Plinth Top							
		C1	Cum	1.00	2.00	0.45	0.20	2.00	0.36
		C2	Cum	1.00	8.00	0.45	0.20	2.00	1.44
		PCC							
		Raft	Cum	1.00	1.00	17.00	5.47	0.10	9.30
		Below SSM							
		Length Wall	Cum	1.00	2.00	58.54	0.75	0.10	8.78
		Inside walls	Cum	1.00	10.00	3.00	0.75	0.10	2.25
		Above SSM							
		Length Wall	Cum	1.00	2.00	58.54	0.60	0.10	7.02
		Inside walls	Cum	1.00	10.00	3.00	0.45	0.10	1.35
		SSM							
		1st Step							
		Length Wall	Cum	1.00	2.00	17.00	0.90	0.75	22.95
		Inside walls	Cum	1.00	4.00	4.12	0.90	0.75	11.11
		2nd Step							
		Length Wall	Cum	1.00	2.00	17.00	0.60	0.45	9.18
		Inside walls	Cum	1.00	4.00	4.12	0.60	0.45	4.45
							Total Qty (B)		128.99
							Total Qty (A-B)		198.26
							Qty To Be Paid		168.30
		BOQ Qty 168.3 Cum					Balance Qty		29.96
		Qty reserved for want of approval of workslip							

NEWZEN CONSULTANTS Bangalore

10/5/2019

Assistant Engineer
Project Division W-13

10/05/19

Assistant Executive Engineer
Project Division, BBMP

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Asst. Executive Engineer
Project Division, Dasarahalli
BBMP, Bangalore

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra

Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
25	25	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. As per Engineer in charge.	Sqm						
		Plinth Beam							
		Grid A-E Along 1	Sqm	2.00	1.00	18.20	0.45	16.38	
		Grid A-E Along 2	Sqm	2.00	1.00	16.70	0.45	15.03	
		Grid 1-2 Along A,B,C,D,E	Sqm	2.00	5.00	6.52	0.45	29.34	
		Roof Beams							
		Grid A-E Along 1	Sqm	1.00	1.00	18.20	1.25	22.75	
		Grid A-E Along 2	Sqm	1.00	1.00	16.70	1.25	20.88	
		Grid 1-2 Along A,B,C,D,E	Sqm	1.00	5.00	6.52	1.10	35.86	
		Mid Landing Beam	Sqm	1.00	1.00	3.60	0.95	3.42	
		Lintel Beam							
		Door	Sqm	1.00	2.00	1.66	0.60	1.99	
		Window	Sqm	1.00	6.00	2.26	0.60	8.14	
		Ventilator	Sqm	1.00	1.00	1.56	0.60	0.94	
		Sump Wall							
		Long Wall	Sqm	2.00	2.00	6.75	2.40	64.80	
		Short wall	Sqm	2.00	2.00	2.40	2.40	23.04	
							Total Qty	226.18	
							Qty To Be Paid	152.21	
		BOQ Qty 152.21 Sqm					Balance Qty	73.97	
		Qty reserved for want of approval of workslip							

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

NEWZEN CONSULTANT Bangalore

12/5/2019
Assistant Engineer
Project Division W-13

17/05/19
Assistant Executive Engineer
Project Division, BBMP

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra
Project Sub Division

RA Bill-01 & Part measuremnts.

Name of Agency:- Benaka Developers & Projects Pvt.Ltd

Work Order :- BBMP/EE/PD/WO/000045/2017-18

Name of the Division:- Dasarahalli Division

Measurement Recorded On:-

Sl.No	BOQ.No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
26	26	Providing and removing centering, shuttering, strutting, Sqm propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. As per Engineer in charge.							
		Lintel Beam							
		Door	Sqm	1.00	2.00	1.66	0.60	1.99	
		Sides	Sqm	1.00	2.00	2.86	0.10	0.57	
		Window	Sqm	1.00	6.00	2.26	0.60	8.14	
		Sides	Sqm	1.00	6.00	2.86	0.10	1.72	
		Ventilator	Sqm	1.00	1.00	1.56	0.60	0.94	
		Sides	Sqm	1.00	1.00	2.76	0.10	0.28	
							Total Qty	13.63	
		BOQ Qty 10.82 Sqm					Qty To Be Paid	11.44	10.82
		Qty reserved for want of approval of workslip					Balance Qty	2.19	

NEWZEN CONSULTANT Bangalore

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

Assistant Engineer
Project Division W-13
17/5/2019

Assistant Executive Engineer
Project Division, BBMP
17/05/19

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

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BRUHAT BANGALORE MAHANAGARA PAILKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra Project Sub Division

Sl.No	Description	Member	Dia of Bar	Length of Bar	Nos			Reinforcement Details 8mm	10mm	12mm	16mm	20mm	25mm	Reamrks
17	**Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.**													
	Raft Footing													
	Bottom matt	Main Bar	16	17.5	60	1	1	-	-	-	1,050.00	-	-	
		Distribution	12	6	160	1	1	-	-	960.00	-	-	-	
	Top matt	Main Bar	16	17.5	60	1	1	-	-	-	1,050.00	-	-	
		Distribution	12	6	160	1	1	-	-	960.00	-	-	-	
								-	-	-	-	-	-	
	Pedestal Reinforcement							-	-	-	-	-	-	
	F1	Main Bar	12	1.65	10	10	1	-	-	165.00	-	-	-	
								-	-	-	-	-	-	
	Column upto Plinth Top							-	-	-	-	-	-	
	C1	Main Bar	20	4.5	2	4	1	-	-	-	-	36.00	-	
		Main Bar	16	4.5	2	4	1	-	-	-	36.00	-	-	
		Stirupps	8	1.3	2	30	1	78.00	-	-	-	-	-	
		Stirupps	8	1	2	30	1	60.00	-	-	-	-	-	
	C2	Main Bar	25	4.5	8	4	1	-	-	-	-	-	144.00	
		Main Bar	20	4.5	8	4	1	-	-	-	-	144.00	-	
		Stirupps	8	1.3	8	30	1	312.00	-	-	-	-	-	
		Stirupps	8	1	8	30	1	240.00	-	-	-	-	-	
								-	-	-	-	-	-	
	Plinth Beam							-	-	-	-	-	-	
	PB1,PB2	Top Main Bar	20	17.5	2	4	1	-	-	-	-	140.00	-	
		Stirupps	8	1.6	2	116.7	1	373.44	-	-	-	-	-	
	PB3,4,5,6,7	Top Main Bar	20	6	5	4	1	-	-	-	-	120.00	-	
		Stirupps	8	1.6	2	116.7	1	373.44	-	-	-	-	-	

NEWZEN CONSULTANT Bangalore

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra Project Sub Division

Reinforcement Details

Sl.No	Description	Member	Dia of Bar	Length of Bar	Nos			8mm	10mm	12mm	16mm	20mm	25mm	Reamrks
	Plinth Top to Beam Bottom							-	-	-	-	-	-	
	C1	Main Bar	20	3.3	2	4	1	-	-	-	-	26.40	-	
		Main Bar	16	3.3	2	4	1	-	-	-	26.40	-	-	
		Stirupps	8	1.3	2	30	1	78.00	-	-	-	-	-	
		Stirupps	8	1	2	30	1	60.00	-	-	-	-	-	
	C2	Main Bar	25	3.3	8	4	1	-	-	-	-	-	105.60	
		Main Bar	20	3.3	8	4	1	-	-	-	-	105.60	-	
		Stirupps	8	1.3	8	30	1	312.00	-	-	-	-	-	
		Stirupps	8	1	8	30	1	240.00	-	-	-	-	-	
	Slab Beam							-	-	-	-	-	-	
	RB1, RB2	Top Main Bar	20	17.2	2	2	1	-	-	-	-	68.80	-	
		Top Extra	16	1.3	5	2	1	-	-	-	13.00	-	-	
		Bottom Main Bar	16	17.2	2	2	1	-	-	-	68.80	-	-	
		Stirupps	8	1.3	2	117	1	304.20	-	-	-	-	-	
	RB1A,RB2A(CB)	Top Main Bar	20	17.6	2	2	1	-	-	-	-	70.40	-	
		Top Extra	16	1.3	2	2	1	-	-	-	5.20	-	-	
		Bottom Main Bar	16	17.2	2	2	1	-	-	-	68.80	-	-	
		Stirupps	8	1.3	2	117	1	304.20	-	-	-	-	-	
	RB3,4,5,6,7	Top Main Bar	20	6.1	5	2	1	-	-	-	-	61.00	-	
		Top Extra	16	4	1	4	1	-	-	-	20.80	-	-	
		Bottom Main Bar	16	6.1	5	3	1	-	-	-	91.50	-	-	
		Stirupps	8	1.3	5	34	1	221.00	-	-	-	-	-	
	Slab Reinforcements													
	S1	Top Main	12	6	35	1	1	-	-	210.00	-	-	-	
		Distribution	10	4.1	50	1	1	-	205.00	-	-	-	-	
		Extar Bars	12	0.75	13	1	1	-	-	9.75	-	-	-	
		Extar Bars	10	1.25	20	1	1	-	25.00	-	-	-	-	
	S2	Top Main	12	6	35	1	1	-	-	210.00	-	-	-	
		Distribution	10	4.1	50	1	1	-	205.00	-	-	-	-	
		Extar Bars	12	0.75	13	1	1	-	-	9.75	-	-	-	

NEWZEN CONSULTANT Bangalore

BENAKA DEVELOPERS & PROJECTS PVT LTD BANGALORE

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Library in Mallasandra Sy.No-33 in Ward No-13,Mallasandra Project Sub Division

Reinforcement Details

Sl.No	Description	Member	Dia of Bar	Length of Bar	Nos			8mm	10mm	12mm	16mm	20mm	25mm	Reamrks
		Extar Bars	10	1.25	20	1	1	-	25.00	-	-	-	-	
	S3	Top Main	12	6	35	1	1	-	-	210.00	-	-	-	
		Distribution	10	4.1	50	1	1	-	205.00	-	-	-	-	
		Extar Bars	12	0.75	13	1	1	-	-	9.75	-	-	-	
		Extar Bars	10	1.25	20	1	1	-	25.00	-	-	-	-	
	S4	Top Main	12	6	40	1	1	-	-	240.00	-	-	-	
		Distribution	10	6	60	1	1	-	360.00	-	-	-	-	
		Extar Bars	12	0.75	20	1	1	-	-	15.00	-	-	-	
		Extar Bars	10	1.25	20	1	1	-	25.00	-	-	-	-	
	Stairaese													
	Beam	Top mAin	16	1.5	3	1	1	-	-	-	4.50	-	-	
		Bottom	16	1.5	3	1	1	-	-	-	4.50	-	-	
		Stirupps	8	1.75	10	1	1	17.50	-	-	-	-	-	
	1St Flight	Top mAin	12	0.85	8	1	1	-	-	6.80	-	-	-	
		Distribution	10	1.2	6	1	1	-	7.20	-	-	-	-	
		Flight Rod	12	2.85	8	1	1	-	-	22.80	-	-	-	
		Distribution	10	1.2	19	1	1	-	22.80	-	-	-	-	
	Mid landing Beam	Top mAin	16	2.6	2	1	1	-	-	-	5.20	-	-	
		Bottom	16	2.6	2	1	1	-	-	-	5.20	-	-	
		Stirupps	8	1.36	17	1	1	23.57	-	-	-	-	-	
	Mid landing Slab	Main	12	1.2	17	1	1	-	-	20.80	-	-	-	
		Distribution	12	2.6	8	1	1	-	-	20.80	-	-	-	
		Top mAin	12	1.2	17	1	1	-	-	20.80	-	-	-	
		Top Distribution	12	2.6	8	1	1	-	-	20.80	-	-	-	
	2nd Flight	Top mAin	12	0.9	8	1	1	-	-	7.20	-	-	-	
		Distribution	10	1.2	6	1	1	-	7.20	-	-	-	-	
		Flight Rod	12	2.85	8	1	1	-	-	22.80	-	-	-	
		Distribution	10	1.2	19	1	1	-	22.80	-	-	-	-	
	Sump													
	Base Slab	Top MAin	12	2.40	45	1	1	-	-	108.00	-	-	-	
		Top Distribution	8	6.75	16	1	1	108.00	-	-	-	-	-	
		Top MAin	12	2.40	45	1	1							

NEWZEN CONSULTANT Bangalore

BENAKA DEVELOPERS BANGALORE

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

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